Toxics Release Inventory (TRI)
State File Documentation for RY 1999

Prepared for:

Environmental Protection Agency
Office of Environmental Information
Contract 68-W-98-045

By:

Computer Based Systems, Inc.
4600 N. Fairfax Drive, Suite 300
Arlington, VA 22003

Date: February 16, 2001

External

Table of Contents

1.0 Overview

The Toxics Release Inventory (TRI) State Files are a set of four files containing all data submitted on the Toxic Chemical Release Inventory Reporting Forms (Form R and Form A) by facilities located in a selected state. The data has been extracted from the Toxics Release Inventory System (TRIS). The four files and their contents are as follows:

File	Description of Contents
Type 1	Facility, Chemical, Releases and Other Waste Management Summary Information
Type 2	Detailed Waste Management and Source Reduction Activities
Type 3A	Details of Transfers Off-Site
Type 3B	Details of Transfers to Publicly Owned Treatment Works (POTW)

These files are identified by state and file type. File "VA_1.txt", for example is the Facility, Chemical, Releases and Other Waste Management Summary Information (File Type 1) for all facilities located in Virginia (VA). A second set of state data files are organized by EPA region.

In addition to a file set for each state, there is a "GOCO" file set ("GOCO1.txt", "GOCO2.txt", etc.) which contains data on all government owned, contractor operated and federal sites. The whole database (all states) are represented in the file set labeled NATIONAL1.txt, NATIONAL2.txt, etc.

2.0 Field Descriptions

The following sections contain the record structure for each of the Toxics Release Inventory (TRI) State Files. The codes and definitions used in the following record descriptions are listed in the *Toxic Chemical Release Inventory Reporting Forms and Instructions* booklet.

The record descriptions in each of the following sections contain the following columns and information:

- Number - the sequential number of the data element in the record
- Field Name - the TRI System field name of the data element
- Data Type - "C" for character data (alphanumeric); "N" for numeric data; and "D" for date
- Description - a brief statement of what the data element represents along with its TRI System source (in **Table Name**.Field Name format) and the Form R reference

The data contained in each of the four files are comma delimited (a comma is placed between each data element). In cases where a comma is part of the data, quotation marks (" ") are used around the data element so as not to confuse it with a field delimiter.

The first record (row) of each file contains the field names for that file type.

2.1 Facility, Chemical, Releases and Other Waste Management Summary Information Record (Type 1)

Num.	Field Name	Type	Description
1	FORM TYPE	C	An indicator identifying whether Form R or Certification Statement was submitted. R = Long Form (Form R) A = Short Form (Form A, Certification Statement.) *Source:* **FORMR.**FORM_TYPE *Reference:* Type of Form Used
2	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **FACILITY_HISTORY**. REPORTING YEAR *Reference:* Part I, Section 1
3	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **FORMR.**TRADE_SECRET *Reference*: Part I, Section 2.1
4	SANITIZED INDICATOR	C	Indicates whether the reporting facility has sanitized trade secret information. Yes = Checked (form information sanitized) No = Not checked *Source:* **FORMR.**SANITIZED *Reference*: Part I, Section 2.2
5	TITLE OF CERTIFYING OFFICIAL	C	The corporate title of the senior official certifying the accuracy and completeness of information on the submission. *Source:* FORMR**.**CERT_TITLE *Reference:* Part I, Section 3

Num.	Field Name	Type	Description
6	NAME OF CERTIFYING OFFICIAL	C	The name of the senior official certifying the accuracy and completeness of the information on the submission. *Source:* **FORMR.**CERT_NAME *Reference:* Part I, Section 3
7	CERTIFYING OFFICIALS SIGNATURE INDICATOR	C	Indicates whether the certifying signature is provided. Possible values are: Original = original signature Photocopy = photocopy of signature No Signature = no signature NA = not applicable- magnetic media submission *Source:* **FORMR.**CERT_SIGNATURE *Reference:* Part I, Section 3
8	DATE SIGNED	D	The date of the certifying signature. Source: **FORMR.**CERT_DATE *Reference:* Part I, Section 3
9	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is* ***not*** *changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **FACILITY.**TRIFID *Reference:* Part I, Section 4.1
10	FACILITY NAME	C	Name of the reporting facility. *Source:* **FACILITY.**NAME *Reference:* Part I, Section 4.1
11	FACILITY STREET	C	Street address of the reporting facility. *Source:* **FACILITY.**STREET *Reference:* Part I, Section 4.1
12	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **V_CITY.**ZC_CITY *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
13	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **V_COUNTY.**ZC_COUNTY *Reference:* Part I, Section 4.1
14	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **V_STATE.**ZC_STATE *Reference:* Part I, Section 4.1
15	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **V_ZIPCODE.** ZC_ZIPCODE *Reference:* Part I, Section 4.1
16	MAILING NAME	C	The first and second lines of the mailing name for the facility. **MAIL_ADDRESS.**MAIL_NAME
17	MAILING STREET	C	Street address of the reporting facility's mailing address. *Source:* **MAIL_ADDRESS.**STREET *Reference:* Part I, Section 4.1
18	MAILING CITY	C	City name provided by the reporting facility to which mail is to be sent *Source:* **V_CITY.**ZC_CITY *Reference:* Part I, Section 4.1
19	MAILING STATE	C	State of the reporting facility's mailing address. *Source:* **V_STATE.**ZC_STATE *Reference:* Part I, Section 4.1
20	MAILING ZIP CODE	C	Zip code of the reporting facility's mailing address. *Source:* **V_ZIPCODE.**ZC_ZIPCODE *Reference:* Part I, Section 4.1
21	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2a

Num.	Field Name	Type	Description
22	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility: Yes = partial No = entire *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2b
23	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not: Yes = Federal No = non-Federal or GOCO *Source:* **FACILITY.**ASGN_FEDERAL *Form R:* Part I Section 4.2c
24	PUBLIC CONTACT NAME	C	Name of the individual whom the public may contact if clarification of data is needed. *Source:* **FACILITY.**ASGN_PUBLIC_ CONTACT *Reference:* Part I, Section 4.4
25	PUBLIC CONTACT PHONE	C	Area code and telephone number of the public contact. *Source:* **FACILITY.**ASGN_PUBLIC_ PHONE *Reference:* Part I, Section 4.4
26	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5a
27	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5b
28	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5c
29	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5d

Num.	Field Name	Type	Description
30	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5e
31	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5f
32	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **FACILITY.** ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES ASGN_LATITUDE_SECONDS *Reference:* Part I, Section 4.6
33	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **FACILITY.** ASGN_LONGITUDE_DEGREES ASGN_LONGITUDE_MINUTES ASGN_LONGITUDE_SECONDS *Reference:* Part I, Section 4.6
34	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* *Reference:* Part I, Section 4.7a
35	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **FACILITY_DB_NUM.**DB_NUMBER *Reference:* Part I, Section 4.7b
36	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* **FACILITY_RCRA.**RCRA or RCRA_NA *Reference:* Part I, Section 4.8a

Num.	Field Name	Type	Description
37	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* *Reference:* Part I, Section 4.8b
38	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **FACILITY_NPDES.**NPDES_NUMBER *Reference:* Part I, Section 4.9a
39	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* *Reference:* Part I, Section 4.9b
40	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10a
41	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10b
42	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_NAME *Reference:* Part I, Section 5.1
43	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_DB *Reference:* Part I, Section 5.2

Num.	Field Name	Type	Description
44	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
45	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **V_CAS_CHEMICAL.**CC_CODE *Reference:* Part II, Section 1.1
46	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **FORMR.**CAS_CHEMICAL_NAME_ID or **FORMR.**GEN_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
47	PRODUCE THE CHEMICAL	C	Indicates whether the chemical is produced at this facility. Yes = produced here No = not produced here *Source:* **SUBMISSION.**PRODUCE *Reference:* Part II, Section 3.1a
48	IMPORT THE CHEMICAL	C	Indicates whether the chemical is imported at this facility. Yes = imported No = not imported *Source:* **SUBMISSION.**IMPORTED *Reference:* Part II, Section 3.1b

Num.	Field Name	Type	Description
49	ON-SITE USE	C	Indicates whether the chemical is produced or imported for on-site use at this facility. Yes = on-site use No = not used on-site *Source:* **SUBMISSION.**USED *Reference:* Part II, Section 3.1c
50	SALE OR DISTRIBUTION	C	Indicates whether the chemical is produced or imported at this facility for sale or distribution. Yes = imported for sale No = not imported for sale *Source:* **SUBMISSION.**SALE *Reference:* Part II, Section 3.1d
51	AS A BYPRODUCT	C	Indicates whether the chemical is produced or imported at this facility as a byproduct. Yes = byproduct No = not byproduct *Source:* **SUBMISSION.**BYPRODUCT *Reference:* Part II, Section 3.1e
52	AS AN IMPURITY	C	Indicates whether the chemical is produced or imported at this facility as an impurity. Yes = impurity No = not impurity *Source:* **SUBMISSION.**IMPURITY *Reference:* Part II, Section 3.1f
53	AS A REACTANT	C	Indicates whether the chemical is at this facility as a reactant. Yes = reactant No = not reactant *Source:* **SUBMISSION.**REACTANT *Reference:* Part II, Section 3.2a

Num.	Field Name	Type	Description
54	AS A FORMULATION COMPONENT	C	Indicates whether the facility adds the reported chemical to a product or product mixture prior to further distribution of that product to act as a performance enhancer during the use of the product. Includes, but not limited to, additives, dyes, reaction diluents, initiators, solvents, inhibitors, emulsifiers, surfactants, lubricants, flame retardents, and rheological modifiers. Yes = formulation component No = not formulation component *Source:* **SUBMISSION.**FORMULATION *Reference:* Part II, Section 3.2b
55	AS AN ARTICLE COMPONENT	C	Indicates whether the facility uses the reported chemical as an integral component of an article distributed for industrial, trade, or consumer use. Yes = integral component No = not integral component *Source:* **SUBMISSION.**COMPONENT *Reference:* Part II, Section 3.2c
56	REPACKAGING	C	Indicates whether the chemical is processed at this facility by repackaging for distribution in commerce in a different form, state, or quantity. Yes = repackaged No = not repackaged *Source:* **SUBMISSION.**REPACKAGING *Reference:* Part II, Section 3.2d
57	AS A CHEMICAL PROCESSING AID	C	Indicates whether the chemical is used at this facility as a chemical processing aid by adding the reported chemical to a reaction mixture or synthesis of another chemical substance, without intending for it to remain as a part of the mixture. Yes = processing aid No = not a processing aid *Source:* **SUBMISSION.**PROCESSING *Reference:* Part II, Section 3.3a

Num.	Field Name	Type	Description
58	AS A MANUFACTURING AID	C	Indicates whether the chemical is used at this facility to aid the manufacturing process, without intending for it to become part of the resulting product or the reaction mixture, during the manufacture or synthesis of another chemical substance. Yes = manufacturing aid No = not a manufacturing aid *Source:* **SUBMISSION.**MANUFACTURE_AID *Reference:* Part II, Section 3.3b
59	ANCILLARY OR OTHER USE	C	Indicates whether the chemical is used at this facility for purposes other than aiding chemical processing or manufacturing. Includes, but not limited to, cleaners, degreasers, lubricants, fuels, and chemicals used for treating wastes. Yes = for ancillary or other use No = not for ancillary or other use *Source:* **SUBMISSION.**ANCILLARY *Reference:* Part II, Section 3.3c
60	MAXIMUM AMOUNT ONSITE	C	This code indicates the maximum quantity of the chemical at the facility at any time during the calendar year. Includes sum of all on-site locations within any reporting facility. *Source:* **V_MAX_WEIGHT_RANGE.** MAX_WEIGHT_CODE *Reference:* Part II, Section 4.1
61	FUGITIVE AIR EMISSIONS - TOTAL RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.1.A

Num.	Field Name	Type	Description
62	FUGITIVE AIR EMISSIONS - TOTAL RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.1.A
63	TOTAL FUGITIVE AIR EMISSIONS	N	System generated total fugitive air emission in pounds/year. If the field FUGITIVE_AIR_EMISSIONS_TOT_ LBS (# 61) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field FUGITIVE_AIR_EMISSIONS_TOT_ RANGE is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
64	FUGITIVE OR NON-POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated: M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.1.B
65	STACK AIR EMISSIONS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.2.A

Num.	Field Name	Type	Description
66	STACK AIR EMISSIONS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.2.A
67	TOTAL STACK AIR EMISSIONS	N	System generated total stack air emission in pounds/year. If the field STACK_AIR_EMISSIONS_TOT_ LBS (# 65) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STACK_AIR_EMISSIONS_TOT_ RANGE (#66) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
68	STACK OR POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.2.B
69	TOTAL AIR EMISSIONS	N	System generated by adding the contents of the TOTAL_FUGITIVE_ AIR EMISSIONS (# 63) and TOTAL_STACK_AIR_EMISSIONS (# 67). *Source:* System generated *Reference:* None

Num.	Field Name	Type	Description
70	DISCHARGES TO STREAM A - STREAM NAME	C	The name of the first receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **WATER.**WATER_BODY_NAME *Reference:* Part II, Section 5.3.1
71	DISCHARGES TO STREAM A - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.1.A
72	DISCHARGES TO STREAM A - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.3.1.A
73	TOTAL DISCHARGES TO STREAM A	N	System generated total release to the first reported stream or water body in pounds/year. If the field STREAM_RELEASE_LBS_A (# 71) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_RANGE_LBS_ A (# 72) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
74	DISCHARGES TO STREAM A - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.3.1.B
75	DISCHARGES TO STREAM A - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **WATER.**WATER_STORM *Reference:* Part II, Section 5.3.1.C
76	DISCHARGES TO STREAM B - STREAM NAME	C	The name of the second receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **WATER.**WATER_BODY_NAME *Reference:* Part II, Section 5.3.2
77	DISCHARGES TO STREAM B - RELEASE POUNDS	N	Provides an estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. . *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.2.A
78	DISCHARGES TO STREAM B - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.3.2.A

Num.	Field Name	Type	Description
79	TOTAL DISCHARGES TO STREAM B	N	System generated total release to the second reported stream or water body in pounds/year. If the field STREAM_RELEASE_LBS_B (# 77) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_RANGE_LBS_ B (# 78) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
80	DISCHARGES TO STREAM B - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.3.2.B
81	DISCHARGES TO STREAM B - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **WATER.**WATER_STORM *Reference:* Part II, Section 5.3.2.C
82	DISCHARGES TO STREAM C - STREAM NAME	C	The name of the third receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **WATER.**WATER_BODY_NAME *Reference:* Part II, Section 5.3.3
83	DISCHARGES TO STREAM C - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.3.A

Num.	Field Name	Type	Description
84	DISCHARGES TO STREAM C - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.3.3.A
85	TOTAL DISCHARGES TO STREAM C	N	System generated total release to the third reported stream or water body in pounds/ year. If the field STREAM_RELEASE_ LBS_C (# 83) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ C (# 84) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
86	DISCHARGES TO STREAM C - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.3.3.B
87	DISCHARGES TO STREAM C - % FROM STORMWATER	N	Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **WATER.**WATER_STORM *Reference:* Part II, Section 5.3.3.C

Num.	Field Name	Type	Description
88	DISCHARGES TO STREAM D - STREAM NAME	C	Name of the fourth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **WATER.**WATER_BODY_NAME *Reference:* Part II, Section 5.3 (continued)
89	DISCHARGES TO STREAM D - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)
90	DISCHARGES TO STREAM D - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
91	TOTAL DISCHARGES TO STREAM D	N	System generated total release to the fourth reported stream or water body in pounds/year. If the field STREAM_ RELEASE_LBS_D (# 89) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ D (# 90) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
92	DISCHARGES TO STREAM D - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.3 (continued)
93	DISCHARGES TO STREAM D - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **WATER.**WATER_STORM *Reference:* Part II, Section 5.3 (continued)
94	DISCHARGES TO STREAM E - STREAM NAME	C	The name of the fifth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **WATER.**WATER_BODY_NAME *Reference:* Part II, Section 5.3 (continued)
95	DISCHARGES TO STREAM E - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)
96	DISCHARGES TO STREAM E - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
97	TOTAL DISCHARGES TO STREAM E	N	System generated total release to the fifth reported stream or water body in pounds/year. If the field STREAM_ RELEASE_LBS_E (# 95) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ E (# 96) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
98	DISCHARGES TO STREAM E - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.3 (continued)
99	DISCHARGES TO STREAM E - % FROM STORMWATER	N	Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **WATER.**WATER_STORM *Reference:* Part II, Section 5.3 (continued)
100	DISCHARGES TO STREAM F - STREAM NAME	C	The name of the sixth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **WATER.**WATER_BODY_NAME *Reference:* Part II, Section 5.3 (continued)
101	DISCHARGES TO STREAM F - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
102	DISCHARGES TO STREAM F - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
103	TOTAL DISCHARGES TO STREAM F	N	System generated total release to the sixth reported stream or water body in pounds/year. If the field STREAM_ RELEASE_LBS_E (# 101) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ E (# 102 is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
104	DISCHARGES TO STREAM F - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.3 (continued)
105	DISCHARGES TO STREAM F - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **WATER.**WATER_STORM *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
106	TOTAL NUMBER OF RECEIVING STREAMS	N	The total number of streams reported by the facility as receiving toxic chemical releases. *Source:* System generated *Reference:* None
107	TOTAL SURFACE WATER DISCHARGE	N	Total of all individual total stream release fields (73+79+85+91+97+103). *Source:* System generated *Reference:* None
108	UGRND INJ ONSITE TO CL I WELLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) injected onsite to Class I wells by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.4.1A
109	UGRND INJ ONSITE TO CL I WELLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.4.1A
110	TOTAL UGRND INJ ONSITE TO CL I WELLS - POUNDS	N	System generated total Class I well injection in pounds/year. If the field UI_CLASS1_WELL_RELEASE_LBS (# 108) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UI_CLASS1_WELL_RELEASE_CODE (#109) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
111	UGRND INJ ONSITE TO CL I WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.4.1B
112	UGRND INJ ONSITE TO CL II-V WELLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) injected onsite to Class II wells by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.4.2.A
113	UGRND INJ ONSITE TO CL II-V WELLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.4.2A
114	TOTAL UGRND INJ ONSITE TO CL II-V WELLS - POUNDS	N	System generated total Class I well injection in pounds/year. If the field UI_CLASS2_WELL_RELEASE_LBS (# 112) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UI_CLASS2_WELL_RELEASE_CODE (#113) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
115	UNGRND INJ ONSITE TO CL II-V WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.4.2B
116	TOTAL UNDERGROUND INJECTION	N	Total, in pounds, of both Class I and II well injections for the facility (110 + 114). *Source:* System generated *Reference:* None
117	RCRA SUBTITLE C LANDFILLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to RCRA Subtitle C landfills by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.AA
118	RCRA SUBTITLE C LANDFILLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.5.1.AA

Num.	Field Name	Type	Description
119	TOTAL RCRA SUBTITLE C LANDFILLS	N	System generated total RCRA Subtitle C landfill release in pounds/year. If the field RCRA_C_LANDFILL_LBS (# 117) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field RCRA_C_LANDFILL_CODE (#118) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
120	RCRA SUBTITLE C LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.5.1.AB
121	OTHER LANDFILLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to non-RCRA Subtitle C landfills by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.BA
122	OTHER LANDFILLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.5.1.BA

Num.	Field Name	Type	Description
123	TOTAL OTHER ON-SITE LAND RELEASES	N	System generated total non-RCRA Subtitle C landfill release in pounds/year. If the field OTHER_LANDFILL_LBS (# 121) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER_LANDFILL_CODE (#122) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
124	OTHER LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.5.1.BB
125	LAND TRTMT/APPL FARMING - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released in land treatment/application farming by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.2.AA
126	LAND TRTMT/APPL FARMING - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.5.2.AA

Num.	Field Name	Type	Description
127	TOTAL LAND TREATMENT	N	System generated total land treatment/application farming release in pounds/year. If the field LAND_TREAT_ APP_FARM_LBS (# 125) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field LAND_TREAT_APP_ FARM_CODE (#126) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
128	LAND TRTMT/APPL FARMING - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.5.2.BB
129	SURFACE IMPOUNDMENT - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released in surface impoundments by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.3.AA
130	SURFACE IMPOUNDMENT - RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.5.3.AA

Num.	Field Name	Type	Description
131	TOTAL SURFACE IMPOUNDMENTS	N	System generated total surface impoundment release in pounds/year. If the field SURF_IMPOUND_LBS (# 129) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field SURF_IMPOUND_CODE (#130) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
132	SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.5.3.BB
133	OTHER DISPOSAL - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released by other disposal means by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.4.AA
134	OTHER DISPOSAL - RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 5.5.4.AA

Num.	Field Name	Type	Description
135	TOTAL OTHER DISPOSAL	N	System generated total other disposal release in pounds/year. If the field OTHER DISPOSAL - RELEASE POUNDS (# 133) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER DISPOSAL - RANGE CODE (#134) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None
136	OTHER DISPOSAL -BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.5.4.BB
137	TOTAL ON-SITE LAND RELEASES	N	Total, in pounds, of toxic chemical entering onsite environmental medium (119 + 123 + 127 + 131 + 135). *Source:* System generated *Reference:* None
138	POTWS - TOTAL TRANSFERS - METALS ONLY	N	Total amount of reported metals, in pounds, transferred offsite to publicly owned treatment works. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.1.A.1

Num.	Field Name	Type	Description
139	POTWS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 6.1.A.2
140	STORAGE ONLY	N	Total amount, in pounds, reported as "storage only" M Code (M10). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
141	SOLIDIFICATION/STABILIZATION (METALS AND METAL COMPOUNDS)	N	Total amount, in pounds, of metals and metal compounds reported as "solidification/stabilization" M Code (M41). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
142	WASTEWATER TREATMENT (EXCLUDING POTWS)	N	Total amount, in pounds, reported as "wastewater treatment" M Code (M62). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
143	TRANSFERS TO POTWS (METALS AND METAL COMPOUNDS)	N	Total amount of reported metals and metal compounds, in pounds, transferred offsite to publicly owned treatment works. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.1.A.1

Num.	Field Name	Type	Description
144	UNDERGROUND INJECTION	N	Total amount, in pounds, reported as "underground injection" M Code (M71). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
145	LANDFILLS/DISPOSAL SURFACE IMPOUNDMENTS	N	Total amount, in pounds, reported as "landfills/disposal surface impoundments" M Code (M72). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
146	LAND TREATMENT	N	Total amount, in pounds, reported as "land treatment" M Code (M73). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
147	OTHER LAND DISPOSAL	N	Total amount, in pounds, reported as "other land disposal" M Code (M79). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
148	OTHER OFF-SITE MANAGEMENT	N	Total amount, in pounds, reported as "other off-site management" M Code (M90). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
149	TRANSFERS TO WASTE BROKER FOR DISPOSAL	N	Total amount, in pounds, reported as "transfer to waster broker for disposal" M code (M94). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
150	UNKNOWN	N	Total amount, in pounds, reported as "unknown" M code (M99). *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
151	TOTAL TRANSFERRED OFF-SITE TO DISPOSAL	N	Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site locations. Sum of all reported transfers regardless of reported M code. *Source:* Sum of all **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2
152	TRANSFERS TO RECYCLING (M20 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M20. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
153	TRANSFERS TO RECYCLING (M24 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M24. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
154	TRANSFERS TO RECYCLING (M26 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M26. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
155	TRANSFERS TO RECYCLING (M28 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M28. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
156	TRANSFERS TO RECYCLING (M93 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M93. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
157	TRANSFERS TO ENERGY RECOVERY (M56 ONLY)	N	Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of M56. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
158	TRANSFERS TO ENERGY RECOVERY (M92 ONLY)	N	Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of M92. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
159	TRANSFERS TO TREATMENT (M40 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M40. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
160	TRANSFERS TO TREATMENT (M50 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M50. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
161	TRANSFERS TO TREATMENT (M54 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M54. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
162	TRANSFERS TO TREATMENT (M61 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M61. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
163	TRANSFERS TO TREATMENT (M69 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M69. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
164	TRANSFERS TO TREATMENT (M95 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M95. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
165	TRANSFERS TO POTWS (NON-METALS)	N	Total amount of reported non-metals, in pounds, transferred offsite to publicly owned treatment works. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+ **V_POUND_RANGE.**POUND_RANGE_CODE *Reference:* Part II , Section 6.2A
166	TOTAL TRANSFERRED OFF-SITE FOR FURTHER WASTE MANAGEMENT	N	Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site for further waste management. *Source:* System generated (152 + 153 + 154 + 155 + 156 + 157 + 158 + 159 + 160 + 161 + 162 + 163 + 164 + 165) *Reference:* None
167	ENERGY RECOVERY ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II Section 8.2.B
168	QUANTITY RECYCLED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II Section 8.4.B
169	QUANTITY TREATED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II Section 8.6.B

Num.	Field Name	Type	Description
170	OTHER ON-SITE WASTE MANAGEMENT	N	Total amount, in pounds, of toxic chemical reported as being reduced and recycled on-site. *Source:* System generated (167 + 168 + 169) *Reference:* None
171	ON-SITE ENERGY RECOVERY METHOD 1	C	The first code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE *Reference:* Part II, Section 7B.1
172	ON-SITE ENERGY RECOVERY METHOD 2	C	The second code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE *Reference:* Part II, Section 7B.2
173	ON-SITE ENERGY RECOVERY METHOD 3	C	The third code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE *Reference:* Part II, Section 7B.3
174	ON-SITE ENERGY RECOVERY METHOD 4	C	The fourth code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE *Reference:* Part II, Section 7B.4

Num.	Field Name	Type	Description
175	ON-SITE RECYCLING PROCESSES - METHOD 1	C	The first code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.1
176	ON-SITE RECYCLING PROCESSES - METHOD 2	C	The second code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.2
177	ON-SITE RECYCLING PROCESSES - METHOD 3	C	The third code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.3
178	ON-SITE RECYCLING PROCESSES - METHOD 4	C	The fourth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.4
179	ON-SITE RECYCLING PROCESSES - METHOD 5	C	The fifth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.5
180	ON-SITE RECYCLING PROCESSES - METHOD 6	C	The sixth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.6
181	ON-SITE RECYCLING PROCESSES - METHOD 7	C	The seventh code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.7
182	ON-SITE RECYCLING PROCESSES - METHOD 8	C	The eighth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.8

Num.	Field Name	Type	Description
183	ON-SITE RECYCLING PROCESSES - METHOD 9	C	The ninth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.9
184	ON-SITE RECYCLING PROCESSES - METHOD 10	C	The tenth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.10

2.2 Detailed Waste Management and Source Reduction Activities (Type 2)

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **FACILITY_HISTORY**. REPORTING YEAR *Reference:* Part I, Section 1
2	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRI System database. *Source:* **FORMR.**TRADE_SECRET *Reference*: Part I, Section 2.1
3	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **FACILITY.**TRIFID *Reference:* Part I, Section 4.1
4	FACILITY NAME	C	Name of the reporting facility. *Source:* **FACILITY.**NAME *Reference:* Part I, Section 4.1
5	FACILITY STREET	C	Street address of the reporting facility. *Source:* **FACILITY.**STREET *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
6	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **V_CITY.**ZC_CITY *Reference:* Part I, Section 4.1
7	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **V_COUNTY.**ZC_COUNTY *Reference:* Part I, Section 4.1
8	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **V_STATE.**ZC_STATE *Reference:* Part I, Section 4.1
9	FACILITY ZIP CODE	C	Zip code of the reporting facility. *Source:* **V_ZIPCODE.** ZC_ZIPCODE *Reference:* Part I, Section 4.1
10	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2a
11	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2b
12	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **FACILITY.**ASGN_FEDERAL *Form R:* Part I Section 4.2c
13	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5a

Num.	Field Name	Type	Description
14	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5b
15	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5c
16	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5d
17	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5e
18	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5f
19	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **FACILITY.** ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES ASGN_LATITUDE_SECONDS *Reference:* Part I, Section 4.6
20	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **FACILITY.** ASGN_LONGITUDE_DEGREES ASGN_LONGITUDE_MINUTES ASGN_LONGITUDE_SECONDS *Reference:* Part I, Section 4.6

Num.	Field Name	Type	Description
21	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* *Reference:* Part I, Section 4.7a
22	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **FACILITY_DB_NUM.**DB_NUMBER *Reference:* Part I, Section 4.7b
23	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* **FACILITY_RCRA.**RCRA or RCRA_NA *Reference:* Part I, Section 4.8a
24	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* *Reference:* Part I, Section 4.8b
25	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **FACILITY_NPDES.**NPDES_NUMBER *Reference:* Part I, Section 4.9a
26	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* *Reference:* Part I, Section 4.9b
27	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10a

Num.	Field Name	Type	Description
28	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source:* *Reference:* Part I, Section 4.10b
29	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_NAME *Reference:* Part I, Section 5.1
30	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_DB *Reference:* Part I, Section 5.2
31	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
32	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **V_CAS_CHEMICAL.**CC_CODE *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
33	CHEMICAL NAME	C	Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **FORMR.**CAS_CHEMICAL_NAME_ID or **FORMR.**GEN_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
34	QUANTITY RELEASED PRIOR YEAR	N	Amount reported in pounds of total quantity of the toxic chemical released (including offsite disposal) during previous year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.1A
35	QUANTITY RELEASED CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.1B
36	QUANTITY RELEASED FOLLOWING YEAR	N	Amount reported in pounds of total quantity of the toxic chemical projected to be released (including offsite disposal) in the first year following the reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Reference:* Part II, Section 8.1C
37	QUANTITY RELEASED SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be released (including offsite disposal) in second year following reporting year. *Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Reference:* Part II, Section 8.1D
38	ENERGY RECOVERY ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during the previous year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.2A

Num.	Field Name	Type	Description
39	ENERGY RECOVERY ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.2B
40	ENERGY RECOVERY ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in first year following reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Reference:* Part II, Section 8.2C
41	ENERGY RECOVERY ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in second year following reporting year. *Source:***SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Form R:* Part II, Section 8.2D
42	ENERGY RECOVERY OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during previous year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.3A
43	ENERGY RECOVERY OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during the reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.3B
44	ENERGY RECOVERY OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in first year following reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Form R:* Part II, Section 8.3C

Num.	Field Name	Type	Description
45	ENERGY RECOVERY OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year. *Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Form R:* Part II, Section 8.3D
46	QUANTITY RECYCLED ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during the previous year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.4A
47	QUANTITY RECYCLED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.4B
48	QUANTITY RECYCLED ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in first year following reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Resource:* Part II, Section 8.4C
49	QUANTITY RECYCLED ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in second year following reporting year. *Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Reference:* Part II, Section 8.4D
50	QUANTITY RECYCLED OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during the previous year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.5A

Num.	Field Name	Type	Description
51	QUANTITY RECYCLED OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.5B
52	QUANTITY RECYCLED OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for recycling in first year following reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Form R:* Part II, Section 8.5C
53	QUANTITY RECYCLED OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year. *Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Reference:* Part II, Section 8.5D
54	QUANTITY TREATED ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the previous year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.6A
55	QUANTITY TREATED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.6B
56	QUANTITY TREATED ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in the first year following the reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Reference:* Part II, Section 8.6C

Num.	Field Name	Type	Description
57	QUANTITY TREATED ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in second year following reporting year. *Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Reference:* Part II, Section 8.6D
58	QUANTITY TREATED OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of the toxic chemical treated offsite during the previous reporting year. *Source:* **SOURCE_REDUCTION.** PRIOR_YEAR *Reference:* Part II, Section 8.7A
59	QUANTITY TREATED OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) during the reporting year. *Source:* **SOURCE_REDUCTION.** CURRENT_YEAR *Reference:* Part II, Section 8.7B
60	QUANTITY TREATED OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) in the first year following the reporting year. *Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR *Reference:* Part II, Section 8.7C
61	QUANTITY TREATED OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for treatment (including transfers to POTWs) in second year following reporting year. *Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR *Reference:* Part II, Section 8.7D
62	CATASTROPHIC RELEASES OR OTHER ONE-TIME EVENTS	N	Amount reported in pounds of total quantity of toxic chemical released to the environment or transferred offsite due to events not associated with routine production processes. Reported as pounds. *Source:* **SUBMISSION.**ONE_TIME_RELEASE *Reference:* Part II, Section 8.8

Num.	Field Name	Type	Description
63	PROD RATIO/ACTIVITY INDEX	N	Ratio of production or activity in the reporting year divided by production or activity in the previous year. Field length is in the format of +nnnn.nn. *Source:* **SUBMISSION.**PRODUCTION_RATIO *Reference:* Part II, Section 8.9
64	FIRST SOURCE REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY *Reference:* Part II, Section 8.10.1
65	FIRST SOURCE REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding source reduction activity code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **V_SR_ACTIVIITY_CODE.** ACTIVITY_DESC *Reference:* Part II, Section 8.10.1
66	FIRST SOURCE REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.1a

Num.	Field Name	Type	Description
67	FIRST SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.1a
68	FIRST SOURCE REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_B_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.1b
69	FIRST SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_B_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.1b
70	FIRST SOURCE REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.1c

Num.	Field Name	Type	Description
71	FIRST SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.1c
72	SECOND SOURCE REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source:* **REDUCTION.**REDUCTION_SEQUENCE + **REDUCTION.**ACTIVITY *Reference:* Part II, Section 8.10.2
73	SECOND SOURCE REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding source reduction activity code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **V_SR_ACTIVITY_CODE.** ACTIVITY_DESC *Reference:* Part II, Section 8.10.2
74	SECOND SOURCE REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.2.a

Num.	Field Name	Type	Description
75	SECOND SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.2.a
76	SECOND SOURCE REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_B_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.2b
77	SECOND SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_B_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.2b
78	SECOND SOURCE REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.2.c

Num.	Field Name	Type	Description
79	SECOND SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_DESC *Reference:* Part II, Section 8.10.2.c
80	THIRD SOURCE REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY *Reference:* Part II, Section 8.10.3
81	THIRD SOURCE REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding source reduction activity code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **V_SR_ACTIVITY_CODE.** ACTIVITY_DESC *Reference:* Part II, Section 8.10.3
82	THIRD SOURCE REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.3a

Num.	Field Name	Type	Description
83	THIRD SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_A_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.3a
84	THIRD SOURCE REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_B_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.3b
85	THIRD SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_B_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.3b
86	THIRD SOURCE REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.3c

Num.	Field Name	Type	Description
87	THIRD SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_DESC *Reference:* Part II, Section 8.10.3c
88	FOURTH SOURCE REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY *Reference:* Part II, Section 8.10.4
89	FOURTH SOURCE REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding source reduction activity code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **V_SR_ACTIVITY_CODE.** ACTIVITY_DESC *Reference:* Part II, Section 8.10.4
90	FOURTH SOURCE REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.4a

Num.	Field Name	Type	Description
91	FOURTH SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.4a
92	FOURTH SOURCE REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference* Part II, Section 8.10.4b
93	FOURTH SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference* Part II, Section 8.10.4b
94	FOURTH SOURCE REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ CODE *Reference:* Part II, Section 8.10.4c

Num.	Field Name	Type	Description
95	FOURTH SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding source reduction activity method code. *Source:* **REDUCTION.**REDUCTION_ SEQUENCE + **REDUCTION.**ACTIVITY + **REDUCTION.**METHOD_C_ID+ **V_SR_METHOD.**SR_METHOD_ DESC *Reference:* Part II, Section 8.10.4c
96	STREAM 1 - WASTE STREAM CODE	C	This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source:* **V_WASTE_STREAM.** STREAM_CODE *Reference:* Part II, Section 7A.1a
97	STREAM 1 - TRTMT METHOD - SEQUENCE 1	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.1b
98	STREAM 1 - TRTMT METHOD - SEQUENCE 2	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.1b

Num.	Field Name	Type	Description
99	STREAM 1 - TRTMT METHOD - SEQUENCE 3	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.1b
100	STREAM 1 -TRTMT METHOD - SEQUENCE 4	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.1b
101	STREAM 1 - TRTMT METHOD - SEQUENCE 5	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.1b
102	STREAM 1 - TRTMT METHOD - SEQUENCE 6	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.1b
103	STREAM 1 - TRTMT METHOD - SEQUENCE 7	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.1b

Num.	Field Name	Type	Description
104	STREAM 1 - TRTMT METHOD - SEQUENCE 8	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.1b
105	STREAM 1 - RANGE INFLUENT CONCENT	C	Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source:* **ON_SITE_WASTE_STREAM.** INFLUENT *Reference:* Part II, Section 7A.1c
106	STREAM 1 - TRTMT EFFICIENCY EST	N	Estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY *Reference:* Part II, Section 7A.1.d
107	STREAM 1 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". *Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA *Reference:* Part II, Section 7A.1.e
108	STREAM 2 - WASTE STREAM CODE	C	The indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source:* **V_WASTE_STREAM.** STREAM_CODE *Reference:* Part II, Section 7A.2a

Num.	Field Name	Type	Description
109	STREAM 2 - TRTMT METHOD - SEQUENCE 1	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
110	STREAM 2 - TRTMT METHOD - SEQUENCE 2	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
111	STREAM 2 - TRTMT METHOD - SEQUENCE 3	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
112	STREAM 2 -TRTMT METHOD - SEQUENCE 4	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
113	STREAM 2 - TRTMT METHOD - SEQUENCE 5	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b

Num.	Field Name	Type	Description
114	STREAM 2 - TRTMT METHOD - SEQUENCE 6	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
115	STREAM 2 - TRTMT METHOD - SEQUENCE 7	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
116	STREAM 2 - TRTMT METHOD - SEQUENCE 8	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.2b
117	STREAM 2 - RANGE INFLUENT CONCENT	C	Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source:* **ON_SITE_WASTE_STREAM.** INFLUENT *Reference:* Part II, Section 7A.2c
118	STREAM 2 - TRTMT EFFICIENCY EST	N	The estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY *Reference:* Part II, Section 7A.2.d

Num.	Field Name	Type	Description
119	STREAM 2 - BASED ON OPERATING DATA?	C	This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". *Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA *Reference:* Part II, Section 7A.2.e
120	STREAM 3 - WASTE STREAM CODE	C	Provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source:* **V_WASTE_STREAM.** STREAM_CODE *Reference:* Part II, Section 7A.3a
121	STREAM 3 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.3b
122	STREAM 3 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.3b

Num.	Field Name	Type	Description
123	STREAM 3 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.3b
124	STREAM 3 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.3b
125	STREAM 3 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.3b
126	STREAM 3 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.3b

Num.	Field Name	Type	Description
127	STREAM 3 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.3b
128	STREAM 3 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.3b
129	STREAM 3 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source:* **ON_SITE_WASTE_STREAM.** INFLUENT *Reference:* Part II, Section 7A.3c
130	STREAM 3 - TRTMT EFFICIENCY EST	N	Provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY *Reference:* Part II, Section 7A.3.d
131	STREAM 3 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either “yes” or “no”. *Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA *Reference:* Part II, Section 7A.3.e

Num.	Field Name	Type	Description
132	STREAM 4 - WASTE STREAM CODE	C	Provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source:* **V_WASTE_STREAM.** STREAM_CODE *Reference:* Part II, Section 7A.4a
133	STREAM 4 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.4.b
134	STREAM 4 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.4.b
135	STREAM 4 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.4.b

Num.	Field Name	Type	Description
136	STREAM 4 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.4.b
137	STREAM 4 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.4.b
138	STREAM 4 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.4.b
139	STREAM 4 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.4.b

Num.	Field Name	Type	Description
140	STREAM 4 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_ CODE *Reference:* Part II, Section 7A.4.b
141	STREAM 4 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source:* **ON_SITE_WASTE_STREAM.** INFLUENT *Reference:* Part II, Section 7A.4.c
142	STREAM 4 - TRTMT EFFICIENCY EST	N	Provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY *Reference:* Part II, Section 7A.4.d
143	STREAM 4 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either “yes” or “no”. *Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA *Reference:* Part II, Section 7A.4.e
144	STREAM 5 - WASTE STREAM CODE	C	Provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source:* **V_WASTE_STREAM.** STREAM_CODE *Reference:* Part II, Section 7A.5a

Num.	Field Name	Type	Description
145	STREAM 5 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b
146	STREAM 5 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b
147	STREAM 5 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b
148	STREAM 5 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b

Num.	Field Name	Type	Description
149	STREAM 5 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b
150	STREAM 5 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b
151	STREAM 5 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b
152	STREAM 5 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source:* **V_TREATMENT**.TREATMENT_CODE *Reference:* Part II, Section 7A.5.b

Num.	Field Name	Type	Description
153	STREAM 5 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source:* **ON_SITE_WASTE_STREAM.** INFLUENT *Reference:* Part II, Section 7A.5.c
154	STREAM 5 - TRTMT EFFICIENCY EST	N	Provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY *Reference:* Part II, Section 7A.5.d
155	STREAM 5 - BASED ON OPERATING DATA	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either “yes” or “no”. *Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA *Reference:* Part II, Section 7A.5.e

2.3 Detailed Transfers Off-Site Data (non-POTW) (Type 3A)

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **FACILITY.**TRIFID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **V_CAS_CHEMICAL.**CC_CODE *Reference:* Part II, Section 1.1
4	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **FACILITY_HISTORY**. REPORTING YEAR *Reference:* Part I, Section 1

Num.	Field Name	Type	Description
5	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **FORMR.**TRADE_SECRET *Reference*: Part I, Section 2.1
6	FACILITY NAME	C	Name of the reporting facility. *Source:* **FACILITY.**NAME *Reference:* Part I, Section 4.1
7	FACILITY STREET	C	Street address of the reporting facility. *Source:* **FACILITY.**STREET *Reference:* Part I, Section 4.1
8	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **V_CITY.**ZC_CITY *Reference:* Part I, Section 4.1
9	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **V_COUNTY.**ZC_COUNTY *Reference:* Part I, Section 4.1
10	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **V_STATE.**ZC_STATE *Reference:* Part I, Section 4.1
11	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **V_ZIPCODE.** ZC_ZIPCODE *Reference:* Part I, Section 4.1
12	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2a

Num.	Field Name	Type	Description
13	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2b
14	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **FACILITY.**ASGN_FEDERAL *Form R:* Part I Section 4.2c
15	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5a
16	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5b
17	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5c
18	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5d
19	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5e
20	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5f

Num.	Field Name	Type	Description
21	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **FACILITY.** ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES ASGN_LATITUDE_SECONDS *Reference:* Part I, Section 4.6
22	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **FACILITY.** ASGN_LONGITUDE_DEGREES ASGN_LONGITUDE_MINUTES ASGN_LONGITUDE_SECONDS *Reference:* Part I, Section 4.6
23	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* *Reference:* Part I, Section 4.7a
24	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **FACILITY_DB_NUM.**DB_NUMBER *Reference:* Part I, Section 4.7b
25	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* **FACILITY_RCRA.**RCRA or RCRA_NA *Reference:* Part I, Section 4.8a
26	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* *Reference:* Part I, Section 4.8b

Num.	Field Name	Type	Description
27	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **FACILITY_NPDES.**NPDES_NUMBER *Reference:* Part I, Section 4.9a
28	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* *Reference:* Part I, Section 4.9b
29	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10a
30	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10b
31	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_NAME *Reference:* Part I, Section 5.1
32	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_DB *Reference:* Part I, Section 5.2

Num.	Field Name	Type	Description
33	OFF-SITE RCRA ID NR	C	The identification number assigned to the off-site disposal facility covered by regulations of the Resource Conservation and Recovery Act (RCRA) and other regulations of the Superfund Act (CERCLA). *Source:* **FACILITY_HISTORY_RCRA.**RCRA *Reference:* Part II, Section 6.2
34	OFF-SITE TRANSFER SEQUENCE NUMBER	C	This field contains a sequence number assigned to an off-site location. *Source:* **V_OFF_SITE.**OFF_SITE_ID *Reference:* NA (System generated)
35	OFF-SITE NAME	C	The name of the off-site treatment or disposal location to which the chemical is sent. *Source:* **OFF_SITE_TRANSFER.**OFF_SITE_ NAME *Reference:* Part II, Section 6.2
36	OFF-SITE STREET ADDRESS	C	The address of the off-site disposal or treatment facility. *Source:* **OFF_SITE_TRANSFER.** OFF_SITE_STREET *Reference:* Part II, Section 6.2
37	OFF-SITE CITY	C	The city in which the off-site transfer or disposal site is located. *Source:* **OFF_SITE_TRANSFER.**OFF_SITE_ CITY *Reference:* Part II, Section 6.2
38	OFF-SITE COUNTY	C	The county in which the off-site treatment or disposal site is located. *Source:* **OFF_SITE_TRANSFER.** OFF_SITE_COUNTY *Reference:* Part II, Section 6.2
39	OFF-SITE STATE	C	The the two-letter state abbreviation of the off-site treatment or disposal site. *Source:* **OFF_SITE_TRANSFER.**OFF_SITE_ STATE *Reference:* Part II, Section 6.2

Num.	Field Name	Type	Description
40	OFF-SITE ZIPCODE	C	The zip code used in the address of an off-site treatment or disposal site. *Source:* **OFF_SITE_TRANSFER.** OFF_SITE_ZIPCODE *Reference:* Part II, Section 6.2
41	OFF-SITE COUNTRY ID	C	If the off-site facility is out of the country, this field contains the name of the country to which the transfer is sent. Source: **OFF_SITE_TRANSFER.**COUNTRY_ ID *Reference:* Part II, Section 6.2
42	OFF-SITE CONTROL	C	This field indicates whether the off-site location to which toxic chemical wastes are transferred is owned or controlled by the facility or parent company. Value is "yes" or "no". *Source:* **OFF_SITE_TRANSFER.** UNDER_CONTROL *Reference:* Part II, Section 6.2
43	XFERS OFF-SITE POUNDS - STORAGE M10	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A
44	XFERS OFF-SITE RANGE CODE- STORAGE M10	C	Code used to indicate the amount of the toxic chemical transferred to off-site facilities for storage (M10) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
45	TOTAL XFERS OFF-SITE AMOUNT- STORAGE M10	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). If field number 43 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 44 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
46	BASIS OF ESTIMATE M10	C	Code indicating the principal method by which the total storage estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
47	XFERS OFF-SITE POUNDS - SOLIDIFICATION/STABILIZATION (METALS) M41	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
48	XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/STABILIZATION (METALS) M41	C	The code used to indicate the amount of the toxic chemical transferred to off-site facilities for solidification/stabilization (metals) (M41) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
49	TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILIZATION (METALS) M41	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). If field number 47 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 48 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
50	BASIS OF ESTIMATE M41	C	Code indicating the principal method by which the total solidification/stabilization (metals) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
51	XFERS OFF-SITE POUNDS - WASTEWATER TRTMT (METALS) M62	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
52	XFERS OFF-SITE RANGE CODE - WASTEWATER TRTMT (METALS) M62	C	Code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (metals) (M62) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
53	TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TRTMT (METALS) M62	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). If field number 51 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 52 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
54	BASIS OF ESTIMATE M62	C	Code indicating the principal method by which the total wastewater treatment (metals) (M62) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
55	XFERS OFF-SITE UNDERGROUND INJECTION POUNDS M71	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
56	XFERS OFF-SITE UNDERGROUND INJECTION RANGE CODE M71	C	Code used to indicate the amount of the toxic chemical transferred to off-site underground injection (M71) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
57	TOTAL UNDERGROUND INJECTION AMOUNT M71	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). If field number 55 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 56 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
58	BASIS OF ESTIMATE M71	C	Code indicating the principal method by which the total underground injection (M71) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
59	XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT POUNDS M72	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
60	XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT RANGE CODE M72	C	Code used to indicate the amount of the toxic chemical transferred to landfill/disposal surface impoundment ponds (M72) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
61	TOTAL LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT AMOUNT **M72**	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). If field number 59 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 60 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
62	BASIS OF ESTIMATE M72	C	Code indicating the principal method by which the total landfill/disposal surface impoundment ponds (M72) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
63	LAND TREATMENT POUNDS M73	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
64	LAND TREATMENT RANGE CODE M73	C	Code used to indicate the amount of the toxic chemical subjected to land treatment (M73) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
65	TOTAL LAND TREATMENT TOTAL AMOUNT M73	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). If field number 63 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 64 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
66	BASIS OF ESTIMATE M73	C	Code indicating the principal method by which the total land treatment (M73) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B
67	OTHER LAND DISPOSAL POUNDS M79	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected to other land disposal (M79). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
68	OTHER LAND DISPOSAL RANGE CODE M79	C	Code used to indicate the amount of the toxic chemical subjected to other land disposal (M79) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
69	TOTAL OTHER LAND DISPOSAL AMOUNT M79	N	System generated total quantity in pounds of reported chemical subjected to other land disposal (M79). If field number 67 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 68 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
70	BASIS OF ESTIMATE M79	C	Code indicating the principal method by which the total other land disposal (M79) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B
71	OTHER OFF-SITE MANAGEMENT POUNDS M90	N	An estimate of the total quantity in pounds of reported chemical subjected to other off-site management (M90). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
72	OTHER OFF-SITE MANAGEMENT RANGE CODE M90	C	Code used to indicate the amount of the toxic chemical subjected to other off-site management (M90) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
73	TOTAL OTHER OFF-SITE MANAGEMENT AMOUNT M90	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site management (M90). If field number 71 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 72 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
74	BASIS OF ESTIMATE M90	C	Code indicating the principal method by which the total other off-site management (M90) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B
75	TRANSFER TO WASTE BROKER-DISPOSAL POUNDS M94	N	An estimate of the total quantity in pounds of reported chemical subjected to waste broker disposal (M94). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
76	TRANSFER TO WASTE BROKER-DISPOSAL RANGE CODE M94	C	Code used to indicate the amount of the toxic chemical subjected to waste broker disposal (M94) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
77	TOTAL TRANSFER TO WASTE BROKER-DISPOSAL AMOUNT M94	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker disposal (M94). If field number 75 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 76 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
78	BASIS OF ESTIMATE M94	C	Code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B
79	UNKNOWN POUNDS M99	N	An estimate of the total quantity in pounds of reported chemical transported off-site for unknown processing (M99). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
80	UNKNOWN RANGE CODE M99	C	Code used to indicate the amount of the toxic chemical transported off-site for unknown processing (M99) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
81	TOTAL UNKNOWN AMOUNT M99	N	System generated total quantity in pounds of reported chemical transported off-site for unknown processing (M99). If field number 79 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 80 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
82	BASIS OF ESTIMATE M99	C	Code indicating the principal method by which the unknown processing (M99) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
83	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR DISPOSAL	N	Total, in pounds, of toxic chemical reported transferred off-site for disposal (45 + 49 + 53 + 57 + 61 + 65 + 69 + 73 + 77 + 81). *Source:* System generated *Reference:* None

Num.	Field Name	Type	Description
84	XFERS OFF-SITE POUNDS - SOLIDIFICATION/ STABILIZATION M40	N	An estimate of the total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A
85	XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/ STABILIZATION M40	C	Code used to indicate the amount of the toxic chemical transported off-site for solidification/ stabilization (M40) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
86	TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILI ZATION M40	N	System generated total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). If field number 84 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 85 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
87	BASIS OF ESTIMATE M40	C	Code indicating the principal method by which the total off-site solidification/stabilization (M40) is measured. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
88	XFERS OFF-SITE POUNDS - INCINERATION/ THERMAL TREATMENT M50	N	An estimate of the total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A
89	XFERS OFF-SITE RANGE CODE - INCINERATION/ THERMAL TREATMENT M50	C	Code used to indicate the amount of the toxic chemical transported off-site for incineration/thermal treatment (M50) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
90	TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ THERMAL TREATMENT M50	N	System generated total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). If field number 88 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 89 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
91	BASIS OF ESTIMATE M50	C	Code indicating the principal method by which the off-site incineration/thermal treatment (M50) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
92	XFERS OFF-SITE POUNDS - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	N	An estimate of the total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A
93	XFERS OFF-SITE RANGE CODE - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	C	Code used to indicate the amount of the toxic chemical transported off-site for incineration/ insignificant fuel value (M54) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
94	TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	N	System generated total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). If field number 92 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 93 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
95	BASIS OF ESTIMATE M54	C	Code indicating the principal method by which the transported off-site for incineration/ insignificant fuel value (M54) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
96	XFERS OFF-SITE POUNDS - WASTEWATER TREATMENT (EXCLUDING POTW) M61	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A1
97	XFERS OFF-SITE RANGE CODE - WASTEWATER TREATMENT M61	C	Code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (excluding POTW) (M61) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A1
98	TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TREATMENT M61	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). If field number 96 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 97 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
99	BASIS OF ESTIMATE M61	C	Code indicating the principal method by which the total wastewater treatment (excluding POTW) (M61) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
100	XFERS OFF-SITE POUNDS -OTHER WASTE TREATMENT M69	N	An estimate of the total quantity in pounds of reported chemical subjected to other off-site waste treatment (M69). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
101	XFERS OFF-SITE RANGE CODE - OTHER WASTE TREATMENT M69	C	Code used to indicate the amount of the toxic chemical subjected to other off-site waste treatment (M69) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
102	TOTAL XFERS OFF-SITE AMOUNT - OTHER WASTE TREATMENT M69	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site waste treatment (M69). If field number 100 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 101 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
103	BASIS OF ESTIMATE M69	C	Code indicating the principal method by which the total other off-site waste treatment (M69) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
104	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	N	An estimate of the total quantity in pounds of reported chemical subjected to waste broker for treatment (M95). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
105	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	C	Code used to indicate the amount of the toxic chemical subjected to waste broker for treatment (M95) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
106	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker for treatment (M95). If field number 104 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 105 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
107	BASIS OF ESTIMATE M95	C	Code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
108	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR TREATMENT	N	Total, in pounds, of toxic chemical reported transferred off-site for treatment (86 + 90 + 94 + 98 + 102 + 106). *Source:* System generated *Reference:* None
109	XFERS OFF-SITE POUNDS - ENERGY RECOVERY M56	N	An estimate of the total quantity in pounds of reported chemical sent off-site for energy recovery (M56). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
110	XFERS OFF-SITE RANGE CODE -ENERGY RECOVERY M56	C	Code used to indicate the amount of the toxic chemical sent off-site for energy recovery (M56) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
111	TOTAL XFERS OFF-SITE AMOUNT - ENERGY RECOVERY M56	N	System generated total quantity in pounds of reported chemical contained in the waste sent off-site for energy recovery (M56). If field number 109 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 110 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
112	BASIS OF ESTIMATE M56	C	Code indicating the principal method by which the amount sent off-site for energy recovery (M56) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
113	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92	N	An estimate of the total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A
114	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92	C	Code used to indicate the amount of the toxic chemical sent to a waste broker for energy recovery (M92) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
115	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE-BROKER-ENERGY RECOVERY M92	N	System generated total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). If field number 113 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 114 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
116	BASIS OF ESTIMATE M92	C	Code indicating the principal method by which the amount sent to a waste broker for energy recovery (M92) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
117	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR ENERGY RECOVERY	N	Total, in pounds, of toxic chemical reported transferred off-site for energy recovery (111 + 115). *Source:* System generated *Reference:* None
118	XFERS OFF-SITE POUNDS - SOLVENTS/ORGANICS RECOVERY M20	N	An estimate of the total quantity in pounds of reported chemical sent off-site for solvents/ organics recovery (M20). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
119	XFERS OFF-SITE RANGE CODE - SOLVENTS/ORGANICS RECOVERY M20	C	Code used to indicate the amount of the toxic chemical sent off-site for solvents/organics recovery (M20) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
120	TOTAL XFERS OFF-SITE AMOUNT - SOLVENTS/ORGANICS RECOVERY M20	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for solvents/organics recovery (M20). If field number 118 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 119 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
121	BASIS OF ESTIMATE M20	C	Code indicating the principal method by which the amount sent off-site for solvents/ organics recovery (M20) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
122	XFERS OFF-SITE POUNDS -METALS RECOVERY M24	N	An estimate of the total quantity in pounds of reported chemical sent off-site for metals recovery (M24). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
123	XFERS OFF-SITE RANGE CODE - METALS RECOVERY M24	C	Code used to indicate the amount of the toxic chemical sent off-site for metals recovery (M24) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
124	TOTAL XFERS OFF-SITE AMOUNT - METALS RECOVERY M24	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for off-site for metals recovery (M24). If field number 122 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 123 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
125	BASIS OF ESTIMATE M24	C	Code indicating the principal method by which the amount sent off-site for metals recovery (M24) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
126	XFERS OFF-SITE POUNDS - OTHER REUSE OR RECOVERY M26	N	An estimate of the total quantity in pounds of reported chemical sent off-site for other reuse or recovery (M26). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
127	XFERS OFF-SITE RANGE CODE - OTHER REUSE OR RECOVERY M26	C	This field provides the code used to indicate the amount of the toxic chemical sent off-site for other reuse or recovery (M26) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
128	TOTAL XFERS OFF-SITE AMOUNT - OTHER REUSE OR RECOVERY M26	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for other reuse or recovery (M26). If field number 126 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 127 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
129	BASIS OF ESTIMATE M26	C	Code indicating the principal method by which the amount sent off-site for other reuse or recovery (M26) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
130	XFERS OFF-SITE POUNDS - ACID REGENERATION M28	N	An estimate of the total quantity in pounds of reported chemical sent off-site for acid regeneration (M28). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
131	XFERS OFF-SITE RANGE CODE - ACID REGENERATION M28	C	Code used to indicate the amount of the toxic chemical sent off-site for acid regeneration (M28) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.**POUND_RANGE_ CODE *Reference:* Part II, Section 6.2A
132	TOTAL XFERS OFF-SITE AMOUNT - ACID REGENERATION M28	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for acid regeneration (M28). If field number 130 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 131 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
133	BASIS OF ESTIMATE M28	C	Code indicating the principal method by which the amount sent off-site for acid regeneration (M28) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.2B
134	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-RECYCLING M93	N	An estimate of the total quantity transferred to a waste broker for recycling (M93). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
135	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-RECYCLING M93	C	Code used to indicate the amount of the toxic chemical transferred to a waste broker for recycling (M93) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
136	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-RECYCLING M93	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to a waste broker for recycling (M93). If field number 134 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 135 is used for the total value. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* NA (system generated)
137	BASIS OF ESTIMATE M93	C	Code indicating the principal method by which the amount transferred to a waste broker for recycling (M93) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE *Reference:* Part II, Section 6.2B
138	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR RECYCLING	N	Total, in pounds, of toxic chemical reported transferred off-site for recycling (120 + 124 + 128 + 132 + 136). *Source:* System generated *Reference:* None

2.4 Detailed Transfers Off-Site Data (POTWs) (Type 3B)

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **FACILITY.**TRIFID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **V_CAS_CHEMICAL.**CC_CODE *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	REPORTING YEAR	C	Calendar year in which the reported activities occur. *Source:* **FACILITY_HISTORY**. REPORTING YEAR *Reference:* Part I, Section 1
5	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **FORMR.**TRADE_SECRET *Reference*: Part I, Section 2.1
6	FACILITY NAME	C	Name of the reporting facility. *Source:* **FACILITY.**NAME *Reference:* Part I, Section 4.1
7	FACILITY STREET	C	Street address of the reporting facility. *Source:* **FACILITY.**STREET *Reference:* Part I, Section 4.1
8	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **V_CITY.**ZC_CITY *Reference:* Part I, Section 4.1
9	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **V_COUNTY.**ZC_COUNTY *Reference:* Part I, Section 4.1
10	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **V_STATE.**ZC_STATE *Reference:* Part I, Section 4.1
11	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **V_ZIPCODE.** ZC_ZIPCODE *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
12	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2a
13	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source:* **FACILITY.** ASGN_PARTIAL *Reference:* Part I, Section 4.2b
14	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **FACILITY.**ASGN_FEDERAL *Form R:* Part I Section 4.2c
15	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5a
16	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5b
17	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5c
18	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5d

Num.	Field Name	Type	Description
19	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5e
20	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **V_SIC.**V_SIC_ID *Reference:* Part I, Section 4.5f
21	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **FACILITY.** ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES ASGN_LATITUDE_SECONDS *Reference:* Part I, Section 4.6
22	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **FACILITY.** ASGN_LONGITUDE_DEGREES ASGN_LONGITUDE_MINUTES ASGN_LONGITUDE_SECONDS *Reference:* Part I, Section 4.6
23	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* *Reference:* Part I, Section 4.7a
24	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **FACILITY_DB_NUM.**DB_NUMBER *Reference:* Part I, Section 4.7b

Num.	Field Name	Type	Description
25	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* **FACILITY_RCRA.**RCRA or RCRA_NA *Reference:* Part I, Section 4.8a
26	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act. *Source:* *Reference:* Part I, Section 4.8b
27	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **FACILITY_NPDES.**NPDES_NUMBER *Reference:* Part I, Section 4.9a
28	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **FACILITY_NPDES.**NPDES_NUMBER *Reference:* Part I, Section 4.9b
29	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10a
30	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **FACILITY_UIC.**UIC_NUMBER *Reference:* Part I, Section 4.10b

Num.	Field Name	Type	Description
31	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_ NAME *Reference:* Part I, Section 5.1
32	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **PARENT_COMPANY.**PARENT_DB *Reference:* Part I, Section 5.2
33	TOTAL POTW TRANSFERS	N	Amount reported in pounds of total of transfers offsite to publicly owned treatment works. *Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL + **V_POUND_RANGE.**POUND_ RANGE_CODE *Form R:* Part II, Section 6.1.A.1
34	BASIS OF ESTIMATE FOR POTWS		Code indicating the principal method by which the amount of wastewater transferred to all POTWs estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE *Reference:* Part II, Section 6.1.A.2
35	POTW A - NAME	C	Name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent. *Source:* **POTW_91.**POTW_91_NAME *Reference:* Part II, Section 6.1.B.1

Num.	Field Name	Type	Description
36	POTW A - ADDRESS	C	Street address of the POTW location to which the chemical was sent. *Source:* **POTW_91.**POTW_91_ADDRESS *Reference:* Part II, Section 6.1.B.1
37	POTW A - CITY	C	Name of the city in which the POTW site is located. *Source:* **POTW_91.**POTW_91_CITY *Reference:* Part II, Section 6.1.B.1
38	POTW A - STATE	C	The two-letter state abbreviation of the POTW site. *Source:* **POTW_91.**POTW_91_STATE *Reference:* Part II, Section 6.1.B.1
39	POTW A - COUNTY	C	Name of the county in which the POTW site is located. *Source:* **POTW_91.**POTW_91_COUNTY *Reference:* Part II, Section 6.1.B.1
40	POTW A - ZIP	C	ZIP zip code used in the address of a POTW site. *Source:* **POTW_91.**POTW_91_ZIPCODE *Reference:* Part II, Section 6.1.B.1
41	POTW B - NAME	C	Name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent. *Source:* **POTW_91.**POTW_91_NAME *Reference:* Part II, Section 6.1.B.2
42	POTW B - ADDRESS	C	Street address of the POTW location to which the chemical was sent. *Source:* **POTW_91.**POTW_91_ADDRESS *Reference:* Part II, Section 6.1.B.2
43	POTW B - CITY	C	Name of the city in which the POTW site is located. *Source:* **POTW_91.**POTW_91_CITY *Reference:* Part II, Section 6.1.B.2
44	POTW B - STATE	C	The two-letter state abbreviation of the POTW site. *Source:* **POTW_91.**POTW_91_STATE *Reference:* Part II, Section 6.1.B.2

Num.	Field Name	Type	Description
45	POTW B - COUNTY	C	Name of the county in which the POTW site is located. *Source:* **POTW_91.**POTW_91_COUNTY *Reference:* Part II, Section 6.1.B.2
46	POTW B - ZIP	C	ZIP code used in the address of a POTW site. *Source:* **POTW_91.**POTW_91_ZIPCODE *Reference:* Part II, Section 6.1.B.1